**Index of Claims** 

Application No.

09/830,523 Examiner

BERARD, RAYMOND A.

Art Unit

Applicant(s)

Jerry A. Lorengo

Restricted

1734

Rejected Allowed

(Through numeral) Cancelled

Non-Elected N Interference

**Appeal** o Objected

| Cla      | Date     |               |          |   |          |            |                                                  | Claim Date |                                                  |                                                  |       |       |          |                 |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |              |                                                  |              |            |
|----------|----------|---------------|----------|---|----------|------------|--------------------------------------------------|------------|--------------------------------------------------|--------------------------------------------------|-------|-------|----------|-----------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------|--------------------------------------------------|--------------|------------|
| - 018    |          | 15 2          | , T      | Т |          |            | Ť                                                |            |                                                  |                                                  | i     |       |          | Т               | 7              | Τ-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Ţ <u>.</u>                                       | İ            | Г                                                |              | $\Box$     |
| Final    |          | 03<br>22      |          |   |          |            |                                                  |            |                                                  |                                                  |       | Final | Original |                 |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |              |                                                  |              |            |
|          |          | 04            |          |   |          |            | _                                                |            |                                                  |                                                  |       |       |          |                 | _              | $\perp$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | _                                                |              | L                                                |              |            |
| L        | (j)<br>2 | V             |          |   |          |            | _                                                |            | _                                                |                                                  |       |       | 51       |                 | $\perp$        | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1_                                               | <u> </u>     | <u> </u>                                         | _            | Н          |
|          | 2        | <b>√</b>      |          |   |          |            |                                                  | L          |                                                  | _                                                |       |       | 52       |                 |                | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <u> </u>                                         | <u> </u>     | <u> </u>                                         |              | Ш          |
|          | 3        | /             |          |   |          | Ĺ.,        |                                                  |            |                                                  |                                                  |       |       | 53       |                 |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  | <u></u>      | _                                                |              |            |
|          | 4        | /             |          |   |          |            |                                                  |            | Г                                                |                                                  |       |       | 54       |                 |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |              |                                                  |              |            |
|          | 5        | ~             |          |   |          |            |                                                  |            | П                                                |                                                  | 1     |       | 55       |                 | Т              | T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |              |                                                  |              |            |
|          | 6        | 1.            |          |   |          |            |                                                  |            |                                                  |                                                  | 1 1   |       | 56       |                 |                | Т                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | T                                                | Г            |                                                  |              | П          |
|          | 7        | $\overline{}$ |          |   |          |            |                                                  |            |                                                  |                                                  |       |       | 57       |                 | _ _            | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  | Г            |                                                  |              |            |
| -        | (3)      | -             |          | _ |          |            | ┢                                                | -          | -                                                |                                                  |       |       | 58       |                 |                | +-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ╁                                                |              |                                                  |              | П          |
|          | 9        | ١,            | $\dashv$ |   |          |            | -                                                |            |                                                  | $\vdash$                                         |       |       | 59       |                 |                | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <del>                                     </del> | T            |                                                  |              | П          |
| <u> </u> | 10       | ,             | -t       | - |          |            |                                                  |            |                                                  | ┝                                                | 1.    |       | 60       |                 | -              | +-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ╁                                                | T            | <del>                                     </del> | $\vdash$     | П          |
|          | 11       | :             |          | - | _        |            | $\vdash$                                         | $\vdash$   | $\vdash$                                         | -                                                |       |       | 61       | $\vdash$        | +              | +-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ╁                                                | $\vdash$     | <del>                                     </del> |              | $\vdash$   |
| -        | 12       | -             |          | - | _        |            |                                                  | $\vdash$   | <del>                                     </del> |                                                  | 1.    |       | 62       | H               |                | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                                | +            | -                                                | $\vdash$     | Н          |
|          |          | :             | $\vdash$ | _ |          | _          |                                                  |            |                                                  | ├                                                | 1     |       | 63       | $\vdash$        | -              | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                                | $\vdash$     |                                                  | -            | H          |
|          | 13       |               | $\vdash$ |   |          |            |                                                  |            |                                                  | _                                                | - 1   |       |          |                 |                | +-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ⊢                                                | ⊢            | ╁                                                | $\vdash$     | $\vdash$   |
|          | 14       | •             |          |   |          |            |                                                  | L.         |                                                  |                                                  | [ . l |       | 64       | $\vdash$        |                | +-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ╀                                                | -            | -                                                |              | -          |
|          | 15       | ı             | <u> </u> |   |          | _          |                                                  |            |                                                  | <u> </u>                                         |       |       | 65       |                 | 4              | ┿-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <del> </del>                                     | <u> </u>     | <del> </del>                                     |              | <u> </u>   |
|          | 16       |               |          |   |          | <u>L</u> . | L.                                               | <u> </u>   |                                                  |                                                  |       |       | 66       | Щ               |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <u> </u>                                         | ــ           | Ļ                                                |              | Ш          |
| <u></u>  | 17       |               |          |   |          |            |                                                  |            |                                                  | _                                                |       |       | 67       |                 | 1.             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ╙                                                | <u> </u>     |                                                  |              | Ш          |
|          | 18       |               |          |   |          |            |                                                  |            |                                                  |                                                  |       |       | 68       |                 |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |              |                                                  |              |            |
|          | 19       |               |          |   |          |            |                                                  |            |                                                  |                                                  |       |       | 69       |                 |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ľ                                                | ]            |                                                  |              | L          |
|          | 20       |               |          |   |          |            |                                                  |            |                                                  |                                                  | ]     |       | 70       |                 |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |              |                                                  |              |            |
|          | 21       |               | T        |   |          |            |                                                  |            | П                                                |                                                  | 1     |       | 71       |                 |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |              | Γ                                                |              |            |
|          | 22       |               |          |   |          |            |                                                  |            | $\Box$                                           | -                                                |       |       | 72       | П               |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Г                                                |              |                                                  |              |            |
|          | 23       |               | $\Box$   |   |          |            |                                                  | <u> </u>   |                                                  |                                                  |       |       | 73       |                 |                | T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | T                                                |              | Ī                                                | Г            | П          |
|          | 24       |               | $\Box$   |   | _        | -          |                                                  |            |                                                  |                                                  |       |       | 74       |                 |                | $\top$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1                                                |              |                                                  |              |            |
|          | 25       |               | $\Box$   |   |          |            | t                                                | $\vdash$   | <del>                                     </del> |                                                  | , if  |       | 75       |                 |                | T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  | 1            | Г                                                |              | П          |
|          | 26       |               |          |   |          | $\vdash$   |                                                  | Г          |                                                  |                                                  |       |       | 76       |                 | $\top$         | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1                                                |              | T                                                | Г            | H.         |
| <b></b>  | 27       | H             | $\vdash$ |   |          |            |                                                  | T          | <del>                                     </del> | <del>                                     </del> | 1     |       | 77       |                 | 十              | $\dagger$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <del>                                     </del> | 1            |                                                  | Г            | П          |
|          | 28       | $\vdash$      |          |   |          | -          |                                                  | H          | 1                                                | <del> </del>                                     | 1     |       | 78       | $\vdash$        | _              | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  | †            |                                                  | Г            | П          |
| <u> </u> | 29       |               | -        |   | -        |            |                                                  | ļ —        | H                                                |                                                  |       |       | 79       | $\vdash$        |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  | †            | T                                                | T            | М          |
| -        | 30       |               | $\vdash$ |   | $\vdash$ |            | <del> </del>                                     | ╁          | <del> </del>                                     | $\vdash$                                         | 1     |       | 80       | <del></del>     |                | ╁╴                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | $\vdash$                                         | 十            | $\vdash$                                         | ╁─           | $\square$  |
| -        | 31       |               |          |   | $\vdash$ | _          | $\vdash$                                         | -          | ╁                                                |                                                  | j.    |       | 81       | $\vdash$        |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | +                                                | $\vdash$     | ╁                                                | $\vdash$     | $\vdash$   |
|          | 32       | ├             |          |   |          |            | ⊢                                                |            | $\vdash$                                         | ⊢                                                |       |       | 82       | H               | +              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                | ╁╌           | ╁─                                               | ┢            | H          |
| <u> </u> | 33       | ┢             | $\vdash$ |   | -        | -          | $\vdash$                                         | $\vdash$   | $\vdash$                                         | $\vdash$                                         | 1     |       | 83       | $\vdash \vdash$ | +              | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                                | -            | H                                                | $\vdash$     | $\vdash$   |
|          | 34       | $\vdash$      | $\vdash$ |   | -        | ļ          |                                                  | ├          | ├                                                | <del> </del>                                     | - ;   |       | 84       | ┢━┼             | +              | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | +                                                | +            | ╁╌                                               | -            | Н          |
| -        | 35       | ⊢             | -        | _ | _        | <u> </u>   | -                                                | ├          | ╁                                                | -                                                | 1     |       | 85       |                 | -+             | +-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ┼─                                               | $\vdash$     | ╁                                                | ├─           | H          |
|          | 33       | ├             | $\vdash$ |   | <u> </u> |            | ┢                                                | ⊢          | ├                                                | -                                                |       |       | 86       | $\vdash$        |                | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ╁                                                | ╁            | <del> </del>                                     | ⊢            |            |
|          | 36       | <u> </u>      |          |   |          | ļ          | ├                                                | -          | -                                                | ļ                                                | 1     |       |          | $\vdash$        |                | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ╆                                                | ╁            | <del> </del>                                     | <del> </del> | H          |
| <u> </u> | 37       | _             |          |   | _        | _          | ├                                                | ⊢          | $\vdash$                                         | ├                                                | 47    |       | 87       | -               | +              | ┿                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ╀                                                | +            | ╁                                                | <u> </u>     |            |
| L_       | 38       | ऻ_            |          |   | -        | -          | <del> </del> -                                   | -          | ⊢                                                |                                                  |       |       | 88       | ┷               |                | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ╄                                                | <del> </del> | <b>├</b>                                         |              | $\vdash$   |
| <u> </u> | 39       | _             | L        |   |          | _          | <u> </u>                                         | _          | ļ                                                | <u> </u>                                         |       |       | 89       | $\vdash$        |                | +-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ╀                                                | ╁            |                                                  | <u> </u>     | Ш          |
| <u> </u> | 40       |               |          |   |          | <u> </u>   | ┡                                                | _          | <u> </u>                                         |                                                  | -     |       | 90       |                 |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <del> </del>                                     | ╆            | ╄                                                | <b>├</b>     | $\vdash$   |
|          | 41       |               |          |   |          | L          | ļ                                                | <u> </u>   |                                                  | L                                                |       |       | 91       |                 |                | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ـــــ                                            | ــــ         | -                                                | <u> </u>     | Ш          |
| Ĺ        | 42       | L.            |          |   |          | L          |                                                  | <u> </u>   |                                                  | _                                                |       |       | 92       |                 |                | $\perp$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | _                                                | <u> </u>     | ╙                                                | <u> </u>     | Ш          |
|          | 43       |               |          |   | <u> </u> | _          | <u></u>                                          | L          |                                                  | L.                                               |       |       | 93       | $\sqcup$        | _              | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1_                                               | ↓_           | $\perp$                                          |              | Ш          |
|          | 44       |               |          |   |          |            |                                                  |            |                                                  |                                                  | 1     |       | 94       |                 | $\perp$        | _ _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1_                                               | _            | 1_                                               |              | Ш          |
|          | 45       |               |          |   |          |            | Ĺ                                                | Ľ          |                                                  |                                                  | ]     |       | 95       |                 |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |              |                                                  |              |            |
|          | 46       |               |          |   |          |            | Ĺ                                                | Ĺ          |                                                  |                                                  | ]     |       | 96       |                 | $oxed{\Gamma}$ | I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  | L            | L                                                |              |            |
|          | 47       |               |          |   |          |            |                                                  |            |                                                  |                                                  |       |       | 97       | $\Box \top$     |                | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{ol}}}}}}}}}}}}} $ |                                                  |              | $\prod$                                          | L            |            |
|          | 48       |               |          |   |          |            |                                                  | Γ.         |                                                  |                                                  | ]     |       | 98       |                 | T              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Г                                                |              | Г                                                | Γ            | $\Box$     |
|          | 49       | T             |          |   |          | Г          | Γ                                                | Γ          |                                                  |                                                  | 1     |       | 99       | $\Box$          |                | $\top$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Τ                                                |              | Т                                                | Г            | П          |
|          | 50       |               |          | _ | T        |            | <del>                                     </del> | 1          | 1                                                |                                                  | 1 :   |       | 100      | $\sqcap$        | $\top$         | $\top$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1                                                | 1            | Π                                                | ĪΤ           | П          |
| L        | , ,,,,   |               | ш.       |   | Ь—       |            |                                                  |            |                                                  |                                                  |       |       | 1.00     |                 |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |              | -                                                |              | ً لـــــــ |

| . [   | Cla      | ıim            |              |          |                                                  | ַ                                                | ate      | •                                                |          |          |          |
|-------|----------|----------------|--------------|----------|--------------------------------------------------|--------------------------------------------------|----------|--------------------------------------------------|----------|----------|----------|
|       |          | <del></del>    |              | - 1      |                                                  |                                                  |          |                                                  |          |          |          |
|       | <u> </u> | Original       |              |          |                                                  |                                                  |          |                                                  |          |          |          |
|       | Final    | į              |              |          |                                                  |                                                  |          |                                                  |          |          |          |
|       |          | 0              |              |          |                                                  |                                                  |          |                                                  |          |          |          |
| ŀ     |          | 51             | _            |          | _                                                |                                                  |          |                                                  | _        |          |          |
| H     |          | 51             |              | -        |                                                  | -                                                |          |                                                  |          | _        |          |
| -     |          | 52<br>53       |              |          |                                                  |                                                  |          |                                                  |          |          |          |
| ļ     |          | 53             |              | _        |                                                  |                                                  |          |                                                  |          |          |          |
| 1     |          | 54             |              |          |                                                  |                                                  |          |                                                  |          |          |          |
| - [   |          | 55<br>56       |              |          |                                                  |                                                  |          |                                                  |          |          |          |
|       |          | 56             |              |          |                                                  |                                                  |          |                                                  |          |          |          |
|       |          | 57             |              |          |                                                  |                                                  |          |                                                  |          |          |          |
|       |          | 58<br>59       |              |          |                                                  |                                                  |          | -                                                |          |          |          |
|       |          | 59             |              |          |                                                  |                                                  |          |                                                  | _        |          |          |
| ا     |          | 60             |              |          |                                                  |                                                  | _        |                                                  |          |          |          |
| -     |          | 61             | -            |          |                                                  | -                                                |          | _                                                |          |          | -        |
|       |          | 62             |              |          |                                                  | -                                                |          | -                                                |          | _        | -        |
|       |          | 61<br>62<br>63 | -            |          |                                                  |                                                  |          |                                                  |          |          | -        |
|       |          | 63             |              |          |                                                  |                                                  |          | Ш                                                |          | $\vdash$ | L        |
|       |          | 64<br>65       |              |          |                                                  |                                                  |          |                                                  | Ш.       | ļ        |          |
|       |          | 65             |              |          |                                                  |                                                  |          |                                                  |          |          |          |
| - [   |          | 66             |              |          |                                                  |                                                  |          |                                                  |          |          |          |
| 1     |          | 67             |              |          |                                                  |                                                  |          |                                                  |          |          |          |
| ı     |          | 67<br>68<br>69 |              |          |                                                  |                                                  |          |                                                  |          |          |          |
|       |          | 60             |              |          |                                                  |                                                  |          |                                                  |          |          |          |
| 1     |          | 70             |              |          |                                                  |                                                  | -        |                                                  |          | _        |          |
|       |          | 70<br>71<br>72 |              |          |                                                  |                                                  |          |                                                  | -        |          | <u> </u> |
|       |          | /1             |              |          |                                                  |                                                  |          |                                                  |          |          |          |
|       |          | 72             |              |          |                                                  |                                                  |          |                                                  |          |          | <u> </u> |
|       |          | 73<br>74<br>75 |              |          |                                                  | L                                                |          |                                                  |          |          | <u> </u> |
|       |          | 74             |              |          |                                                  |                                                  |          |                                                  |          |          |          |
| . f   |          | 75             |              |          |                                                  |                                                  |          |                                                  |          |          |          |
|       |          | 76<br>77       |              |          |                                                  | _                                                |          |                                                  |          |          |          |
|       |          | 77             |              |          |                                                  |                                                  |          |                                                  |          |          |          |
|       |          | 78             |              | -        |                                                  |                                                  |          |                                                  | $\vdash$ | _        | _        |
|       |          | 70             |              | _        |                                                  |                                                  |          |                                                  | ┢        |          | -        |
|       |          | 79<br>80       |              | -        |                                                  | <del> </del>                                     |          | ├                                                | ┝        |          | $\vdash$ |
|       |          | 00             |              | _        |                                                  |                                                  |          | <u> </u>                                         |          | -        | -        |
| : : : |          | 81             |              |          | <u> </u>                                         | _                                                |          | ļ                                                |          | <u> </u> | _        |
|       |          | 82             |              |          |                                                  |                                                  | L.,      |                                                  |          | L.       | _        |
|       |          | 83             |              |          |                                                  |                                                  |          |                                                  | L.       |          | _        |
|       |          | 84             |              |          | L.                                               |                                                  |          | L                                                |          | _        |          |
| - [   |          | 85<br>86       |              |          |                                                  |                                                  |          |                                                  |          |          |          |
|       |          | 86             |              |          |                                                  |                                                  |          | Г                                                |          |          |          |
|       |          | 87             |              |          |                                                  |                                                  |          |                                                  |          |          |          |
| ٠.    |          | 88             | _            |          |                                                  | ┢                                                | _        | _                                                |          |          |          |
|       |          | 89             | _            | -        |                                                  |                                                  | ┢╌       |                                                  |          | -        |          |
|       |          |                |              | _        |                                                  |                                                  | -        |                                                  |          |          |          |
|       |          | 90             |              | ļ        | ļ                                                | -                                                | <u> </u> |                                                  |          | <u> </u> |          |
|       |          | 91             |              |          |                                                  | <u> </u>                                         | <u> </u> | _                                                | -        | <u> </u> | _        |
|       |          | 92             | L_           | L        |                                                  |                                                  |          | <u>L</u>                                         | _        | _        | L_       |
|       |          | 93             |              |          |                                                  | L                                                |          | L                                                | L        |          | L        |
| ٠.    |          | 94             |              |          | l                                                |                                                  | [        |                                                  |          |          |          |
|       | · ·      | 95             |              |          |                                                  | $I^-$                                            |          |                                                  |          |          | Π        |
|       |          | 96             | _            | _        | <del>                                     </del> | <del>                                     </del> |          | <del>                                     </del> | <b></b>  |          | $\vdash$ |
|       |          | 97             | <del> </del> |          | ├─                                               | -                                                | ├─       | <del>                                     </del> |          |          | -        |
| ٠     |          |                | H            | <u> </u> | <u> </u>                                         | $\vdash$                                         | $\vdash$ | <u> </u>                                         | $\vdash$ | -        | ├        |
| -     |          | 98             | <u> </u>     |          | <del> </del>                                     | <u> </u>                                         | $\vdash$ | $\vdash$                                         | <u> </u> | <u> </u> | -        |
|       |          | 99             | _            | <u> </u> | <u> </u>                                         | <u> </u>                                         | <u> </u> | <u> </u>                                         | <u> </u> | <u> </u> | _        |
|       |          | 100            |              |          | ĺ                                                | l                                                | l        | 1                                                | 1        | I        | l        |

| Cl       | aim                      | Date     |          |          |                                                  |          |          |          |          |          |  |
|----------|--------------------------|----------|----------|----------|--------------------------------------------------|----------|----------|----------|----------|----------|--|
| Final    | Original                 |          |          |          |                                                  |          |          |          |          |          |  |
|          | 101<br>102               |          |          |          |                                                  |          |          |          |          | H        |  |
|          | 102                      |          |          |          |                                                  |          |          |          |          |          |  |
|          | 103                      |          |          |          |                                                  |          |          |          |          | Щ        |  |
|          | 104<br>105               |          |          |          |                                                  |          |          |          |          |          |  |
|          | 105                      | $\Box$   |          |          |                                                  |          |          |          |          |          |  |
|          | 106<br>107               |          |          |          |                                                  |          |          |          |          |          |  |
|          | 107                      |          |          |          |                                                  |          | -        |          |          |          |  |
|          | 108<br>109               |          |          |          |                                                  | _        |          |          |          | $\dashv$ |  |
|          | 110                      |          |          |          |                                                  |          | -        |          |          | $\dashv$ |  |
|          | 111                      |          |          |          |                                                  |          |          |          |          | Н        |  |
|          | 112                      |          |          |          |                                                  | -        |          | Н        |          | $\vdash$ |  |
|          | 112<br>113               |          | -        |          | П                                                |          | _        |          |          | Н        |  |
|          | 114                      |          |          |          |                                                  |          |          |          |          | П        |  |
|          | 115                      |          |          |          |                                                  |          |          |          |          |          |  |
|          | 116                      |          |          |          |                                                  |          |          |          |          |          |  |
|          | 114<br>115<br>116<br>117 |          |          |          |                                                  | Ĺ        | <u> </u> |          | <u> </u> | Ш        |  |
|          | 118<br>119               |          |          |          |                                                  |          | <u> </u> |          |          |          |  |
|          | 119                      |          |          | <u> </u> | _                                                |          |          | ļ        | ļ        | Ш        |  |
|          | 120                      |          |          | <u> </u> | <u> </u>                                         | _        |          | _        | _        | Щ        |  |
|          | 121<br>122<br>123        |          |          | <u> </u> | <u> </u>                                         | <u> </u> |          | ļ.—      | <u> </u> | _        |  |
|          | 122                      |          | _        | $\vdash$ | <del> </del> -                                   | <u> </u> |          |          |          |          |  |
|          | 123                      |          | H        | ┝        | ┢┈                                               | _        |          | ┝        | $\vdash$ | Н        |  |
|          | 125                      | -        | H        | $\vdash$ |                                                  | -        | -        |          |          |          |  |
|          | 124<br>125<br>126        |          |          |          |                                                  | ┢        | -        |          |          | -        |  |
|          | 127                      |          |          | Н        |                                                  |          | _        | _        |          |          |  |
|          | 127<br>128<br>129        |          |          |          |                                                  |          |          |          |          |          |  |
|          | 129                      |          |          |          |                                                  |          |          |          |          |          |  |
|          | 130<br>131               |          |          |          |                                                  |          |          |          |          |          |  |
|          | 131                      |          |          |          | _                                                |          | <u> </u> |          |          | Ш        |  |
|          | 132                      |          |          |          |                                                  |          | <u> </u> | _        |          | Ш        |  |
|          | 133                      | <u> </u> |          |          |                                                  |          | <u> </u> | L        |          | $\vdash$ |  |
|          | 134<br>135               | _        |          |          | _                                                |          | <u> </u> | ļ        | -        | $\vdash$ |  |
|          | 135                      | <u> </u> |          |          | ⊢                                                | <u> </u> |          | $\vdash$ |          | $\vdash$ |  |
|          | 136<br>137               | ├        | -        |          |                                                  |          | ┢        | -        | -        | Н        |  |
|          | 138                      |          |          | _        | <del>                                     </del> | -        |          |          |          | H        |  |
|          | 139                      | -        |          |          | -                                                | 1        |          | -        |          | $\Box$   |  |
|          | 140                      |          |          |          | <del> </del>                                     | 1        |          | _        |          |          |  |
|          | 141                      |          |          |          |                                                  |          |          |          |          |          |  |
|          | 142                      |          |          |          |                                                  |          |          |          |          |          |  |
|          | 143                      |          |          |          |                                                  |          |          |          |          |          |  |
|          | 144                      |          |          | L        |                                                  |          | _        |          | _        | Ш        |  |
| L        | 145                      | _        | L        |          | _                                                | _        | _        | <u> </u> | <u> </u> | Щ        |  |
| <u> </u> | 146                      | <u> </u> | <u> </u> | <u> </u> |                                                  | _        | _        | <u> </u> | _        | Ш        |  |
| Ļ        | 147                      | ļ        | _        | <u> </u> | _                                                | _        | <u> </u> | <u> </u> | _        | $\vdash$ |  |
| <u> </u> | 148                      | _        | $\vdash$ |          | -                                                | $\vdash$ | $\vdash$ | _        | -        | $\vdash$ |  |
|          | 149                      | <u> </u> | -        | -        | <del> </del>                                     |          | $\vdash$ | -        | $\vdash$ |          |  |
| L        | 150                      | L        | L        | L        | L                                                | <u> </u> |          | L        | <u> </u> |          |  |